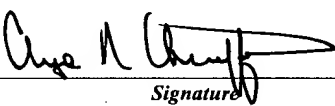
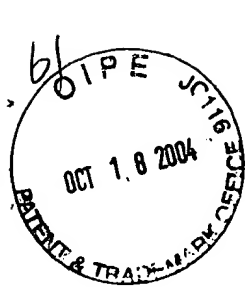


AMENDMENT TRANSMITTAL LETTER (Large Entity)				Docket No. 04150012AA	
Applicant(s): K. Hayashi, et al.					
Application No. 09/853,622	Filing Date May 14, 2001	Examiner C. Renner	Customer No. 30743	Group Art Unit 2652	Confirmation No. 7276
Invention: MAGNETORESISTIVE EFFECT SENSOR, METHOD FOR MANUFACTURING A MAGNETO-RESISTIVE EFFECT SENSOR, MAGNETORESISTIVE DETECTION SYSTEM, AND MAGNETORESISTIVE RECORDING SYSTEM					
COMMISSIONER FOR PATENTS: <div style="float: right; border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center;"> O I P E OCT 18 2004 PATENT & TRADEMARK OFFICE 9113 </div>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	21 -	21 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	4 -	4 =	0 x	\$88.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<div style="float: right; text-align: right;"> RECEIVED OCT 21 2004 Technology Center 2600 </div> <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-2041 <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.					
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
 Signature			Dated: October 18, 2004		
Clyde R Christofferson Reg no. 34,138 Whitham, Curtis & Christofferson, P.C. 11491 Sunset Hills Road, Suite 340 Reston, Virginia 20190 703-787-9400			<div style="border: 1px solid black; padding: 5px;"> I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ <div style="text-align: center;">(Date)</div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <div style="text-align: center;">Signature of Person Mailing Correspondence</div> <div style="text-align: center; border-top: 1px solid black; padding-top: 5px;">HAND DELIVERED</div> <div style="text-align: center;">Typed or Printed Name of Person Mailing Correspondence</div> </div>		
CC:					



AF/2652

- 1 -

NEC-2370-US
Amendment dated 10/18/2004

09/853,622
Reply to office action mailed 08/18/2004

04150012aa

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Kazuhiko Hayashi

Serial No. 09/853,622

Filed May 14, 2001

For MAGNETORESISTIVE EFFECT SENSOR, METHOD FOR
MANUFACTURING A MAGNETORESISTIVE EFFECT SENSOR,
MAGNETORESISTIVE DETECTION SYSTEM, AND
MAGNETORESISTIVE RECORDING SYSTEM

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OCT 21 2004

Group Art Unit 2652 Technology Center 2600

Examiner C. Renner

AMENDMENT UNDER 37 C.F.R. §1.116

Sir:

In response to the Office Action mailed August 18, 2004, please amend the
above-identified patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are indicated by the notation "currently amended" in the
listing of claims beginning on page 3 of this paper.

Remarks begin on page 9 of this paper.

BOX "AF"
RESPONSE UNDER 37 C.F.R. § 1.116
---EXPEDITE PROCEDURE---
EXAMINING GROUP _____